

INTERNATIONAL SEARCH REPORT

International application No.
PCT/SE 2004/000564

A. CLASSIFICATION OF SUBJECT MATTER

IPC7: G08C 19/24, H04B 3/54 // H04B 1/56
According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC7: H04B, G08C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

SE,DK,FI,NO classes as above

Electronic data base consulted during the international search (name of data base and, where practicable, search terms used)

EPO-INTERNAL, WPI DATA, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category*	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
D,A	DE 3228271 A1 (SIEMENS AG), 22 February 1990 (22.02.1990), see whole document --	1-19
D,A	DE 19946776 A1 (ROBERT BOSCH GMBH), 12 April 2001 (12.04.2001), abstract --	1-19
D,A	US 4477896 A (ERIC M. AKER), 16 October 1984 (16.10.1984), abstract --	1-19
A	EP 0695055 A2 (MOTOROLA, INC.), 31 January 1996 (31.01.1996), column 1, line 48 - line 52, abstract -- -----	1-19

☐ Further documents are listed in the continuation of Box C. ☒ See patent family annex.

* Special categories of cited documents:	"T" later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
"A" document defining the general state of the art which is not considered to be of particular relevance	"X" document of particular relevance: the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
"E" earlier application or patent but published on or after the international filing date	"Y" document of particular relevance: the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art
"L" document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)	"&" document member of the same patent family
"O" document referring to an oral disclosure, use, exhibition or other means	
"P" document published prior to the international filing date but later than the priority date claimed	

Date of the actual completion of the international search
29 June 2004

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05-07-2004

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DE	3228271	A1	22/02/1990	AT	25246	T	15/02/1987
				DE	3369508	D	00/00/0000
				DK	158723	B,C	09/07/1990
				DK	346783	A	30/01/1984
				EP	0104342	A,B	04/04/1984
				SE	0104342	T3	
				ES	524512	A	16/04/1984
				ES	8404332	A	16/07/1984
				FI	79302	B,C	31/08/1989
				FI	832730	A	30/01/1984
				GR	78654	A	27/09/1984
				IE	55485	B	26/09/1990
				IE	831483	L	29/12/1983
				JP	1768111	C	11/06/1993
				JP	4056030	B	07/09/1992
				JP	59051269	A	24/03/1984
				NO	160579	B,C	23/01/1989
				NO	832630	A	30/01/1984
				PT	77125	A,B	01/08/1983
				US	4460598	A	17/07/1984
				ZA	8304648	A	28/03/1984

DE	19946776	A1	12/04/2001	AU	6685400	A	30/04/2001
				EP	1221220	A	10/07/2002
				JP	2003527781	T	16/09/2003
				WO	0124441	A	05/04/2001

US	4477896	A	16/10/1984	NONE			
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EP	0695055	A2	31/01/1996	GB	2291769	A	31/01/1996
				GB	9415154	D	00/00/0000
				IL	114457	D	00/00/0000
				JP	8065196	A	08/03/1996
				US	5657324	A	12/08/1997